



VALHALLA 2 ETHERNET CABLE

High end, two-channel audio systems have gone through a major transformation over the past decade. Systems that were once driven exclusively by vinyl and CDs are now largely run by content stored on NAS drives and servers. In order to ensure that audiophiles can enjoy the ease of streaming music without having to concede the fidelity that they deserve, it is necessary to employ an Ethernet cable worthy of facilitating that transfer. Nordost's Valhalla 2 Ethernet Cable allows music lovers to fully incorporate digital music storage and streaming into their reference audio systems, while maintaining, and even improving upon, their musical performance.

In order to meet the increasing demand for high speed data and increased bandwidth, the Valhalla 2 Ethernet Cable has the advantage of eight, 23 AWG, solid core conductors wrapped in a high density polymer insulation. These annealed conductors are arranged into four twisted pairs before being triple-shielded. Each of these design aspects minimizes skin effect, eliminates crosstalk and EMI (electromagnetic interference), and ensures a high performance network cable, offering far more bandwidth than is needed for the typical data demands of today.

To further distinguish the V2 Ethernet Cable from its competitors, Nordost has implemented its unique mechanical tuning process. By meticulously cutting each conductor at calculated and equal lengths, Nordost reduces internal microphony and high frequency resonance. The precise cut of each conductor, at a length which is determined by the cable's geometry, material, and application, guarantees the uniform arrival of all signals, dramatically reducing timing errors.

To complete this reference design, the Valhalla 2 Cable is terminated with a completely specialized, gold-plated 8P8C/RJ45 connector, designed to resist ESD (electrostatic discharge) and optimized for mechanical reliability. The resulting cable supports frequencies and transmission speeds that easily meet Category 8 requirements.

The Valhalla 2 Ethernet Cable is designed, manufactured, and terminated in the USA. Each cable is constructed with precision, consistency, and quality fabrication, providing a massive improvement over standard issue, mass-produced, low precision Ethernet cables.

- 8 X 23 AWG Solid Core Conductors
- Twisted Pair Design
- Fully Shielded Triple Braid
- Mechanically tuned lengths
- High density polymer insulation
- Specialized EMI and ESD resistant gold-plated 8P8C/RJ45 connectors
- Extremely high bandwidth



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